1 Administrative Topics

- Course Evaluations. important. separate for lecture and lab. we are both invested in the projects.
- A question about the learning goals will appear. I have those on the course web page, but want to go over them quickly now
  1. Students can read a simple program and correctly identify its behavior
  2. Students can convert a problem statement into a working program that solves the problem.
  3. Students understand abstraction and can break down a program into appropriate procedural and object-oriented components
  4. Students can generate an approximate model of computer memory and describe how an algorithm affects its contents.
  5. Students can communicate the result of their work and describe an algorithm

2 Drawing a scene with just one 3-d shape

Today, our goal is to draw an interesting scene using just one 3-d shape (a 3-d box with adjustable side lengths). We use the box with various line styles
and widths to draw a fireplace and chimney with a fire and smoke. The code is posted on the website.